

HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

36-084-13  
STEARNS QUADRANGLE  
7 KY.-201 TENN.  
N3630-W8415/15  
DIAGRAM NJ 16-12  
CORBIN

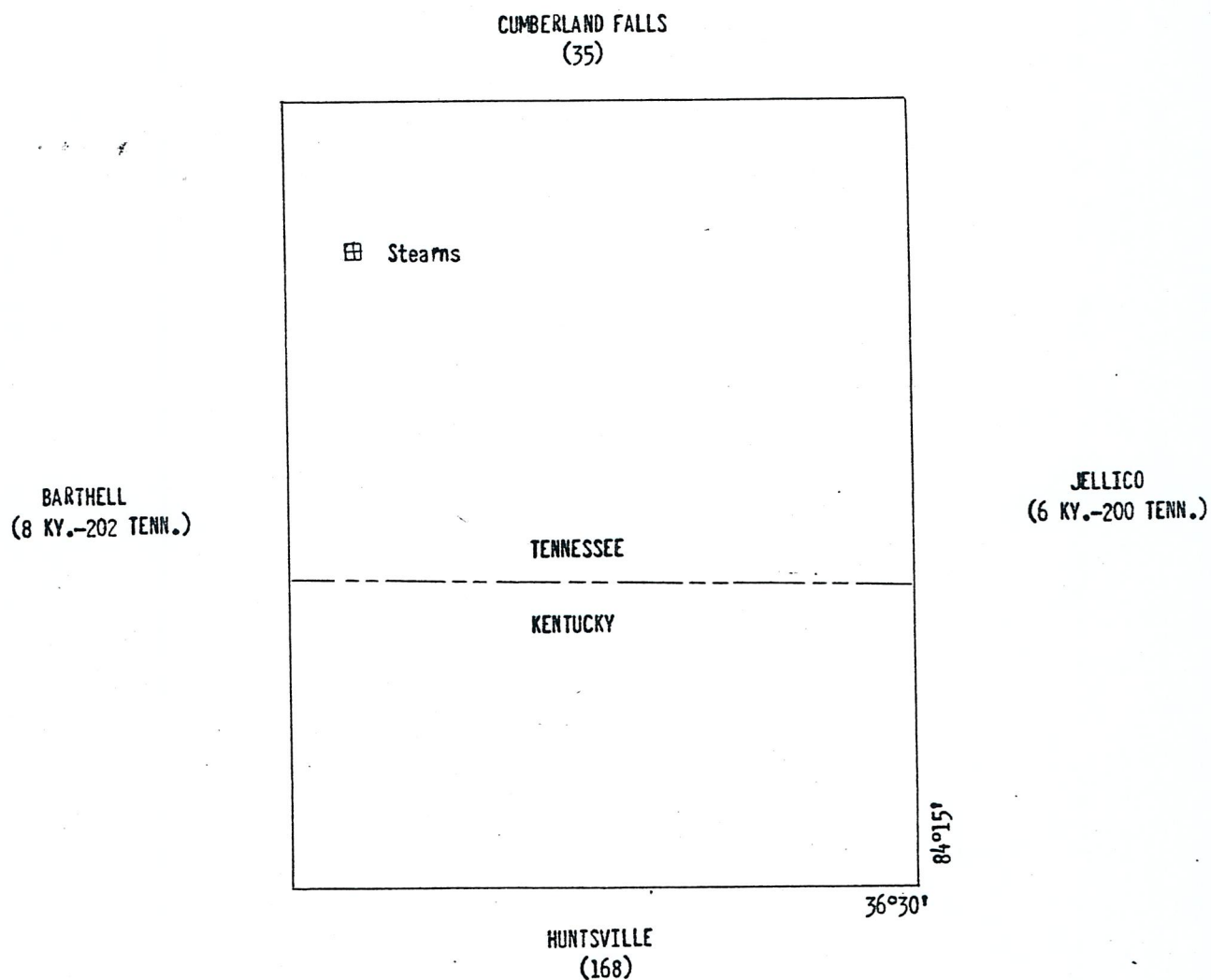
McCreary and Whitley Counties, Ky.;  
Campbell and Scott Counties, Tenn.

Edition of 4/9/76

PR: CRV/rtm

Plane coordinates are based on Lambert projection,  
Kentucky, South Zone and Tennessee Zone

Only the permanent marks are  
listed for control classified  
obsolete and are not shown on  
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
PTS NO 11 1906 KY	3
TT STA NO 8 T 1928 1350.772	3
TT STA NO 9 T 1928	3
TT 88 E 1930 1618	3
TT 133 E 1930 1039.834	3
TT 134 E 1930	3
TT 135 E 1930	3
TT 136 E 1930	4
TT 137 E 1930	4
TT 138 E 1930	4
TT 139 E 1930	4
TT 140 E 1930	4
TT 37 BT 1951	6
TT 38 BT 1951	6
 <u>USFS</u>	
CA 4110 1934	6
CA 3760 1936	5
 <u>NGS</u>	
D 50 1935 1052.130	5
E 50 1935 1091.684	5
F 50 1935 1015.064	5
N 192 1950 1260.588	6
N 193 1951 1276.408	4
P 193 1951 1045.395	4
J 195 1951 1063.633	5
K 195 1951 1016.054	5
L 195 1951 1072.294	5
M 195 1951 1102.698	6
N 195 1951 1247.333	6

STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By C. A. Turner, 1928; Book C8468

Marshes Siding; in frontyard of residence of G. W. Stephen; on iron post; standard cap stamped  
"PRIM TRAV STA NO 11 1906 KY" (Reported destroyed, 1952)

Tenn.) X = 2,445,087 Y = 859,463 36 44 36.75 84 28 51.87

Stearns, 150 ft W. of, and 8 ft higher than W. rail of southbound track of Southern Railway; 14 ft S. of SW. corner of building; 1 ft N. of N. edge of sidewalk; in top of concrete retaining wall; standard tablet stamped  
"TT STA NO 8 T 1928 1350.772" (NOTE: Retaining wall cracked, but portions appear to be solid)

X = 2,446,798 Y = 843,303 36 41 56.72 84 28 33.94

Stearns, 1.2 mi S. of, along Sou. RR., thence 2.0 mi SW. along Roaring Paunch Creek Road; 91 ft NE. of E. end of iron bridge over Roaring Paunch Creek; in large sandstone boulder; standard tablet stamped  
"TT STA NO 9 T 1928"

X = 2,441,601 Y = 831,527 36 40 01.10 84 29 39.97

By J. R. Ellis, 1930; Book C9496

Oneida, 2.9 mi E. of; 440 ft W. of NW. corner of Pine Hill School; 20 ft S. of rd; in large sandstone outcrop; standard tablet stamped "TT 88 E 1930 1618" (Reported destroyed, 1977)

X = 2,449,324 Y = 773,168 36 30 22.93 84 28 16.38

By J. R. Ellis, 1930; Book C9693

Ayers, 1.8 mi S. of, along dirt rd., thence 3.7 mi SW. along dirt rd.; 0.4 mi SW. of Kentucky-Tennessee State line monument; 0.2 mi SW. of junction of logging rd. S.; 20 ft NW. of, and 3 ft higher than centerline of rd.; 43 ft NE. of 36 in. beechnut tree; 3 ft N. of S. edge of outcrop; in SE. corner of slanting rock outcrop; standard tablet stamped "TT 133 E 1930 1039.834"

X = 2,506,010 Y = 803,647 36 35 14.96 84 16 35.61

Ketchen, 2.0 mi E. of, thence 2.5 mi S.; 0.8 mi S. of lower Capuchin School; 10 ft S. and 20 ft W. of centerline of Capuchin Creek Road at junction at dim T-rd. E.; in large sandstone boulder; standard tablet stamped  
"TT 134 E 1930"

X = 2,503,666 Y = 789,959 36 33 00.04 84 17 07.29

Elk Valley, 0.7 mi W. of school, along graveled rd., thence 5.7 mi NW., thence 2.2 mi W.; 0.8 mi above Mouth of Bear Creek; on N. side of old rd.; 10 ft S. of centerline of old abandoned rd. up Capuchin Creek; in sandstone outcrop; standard tablet stamped "TT 135 E 1930"

X = 2,494,150 Y = 779,164 36 31 14.94 84 19 06.17



STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

OBSOLETE MARKS (Cont'd.)

By J. R. Ellis, 1930; Book C9794

Ketchen; 112 ft W. of schoolhouse; on N. side of Ketchen Lumber Company Railroad; 10 ft N. of centerline of track; in sandstone ledge; standard tablet stamped "TT 136 E 1930"

Tenn.) X = 2,493,960 Y = 797,283 36 34 14.11 84 19 04.68

Mount Pleasant Grove, 2.9 mi E. of Baptist Church and School; 12 ft S. and 60 ft W. of centerline of rd. at junction of T-rd. N.; 145 ft W. of residence of Frank King; standard tablet stamped "TT 137 E 1930"

X = 2,477,361 Y = 795,289 36 33 57.17 84 22 28.53

Pleasant Grove, in SW. corner of schoolyard; 3 ft E. of school fence; in concrete post; standard tablet stamped "TT 138 E 1930" (Not found, 1977)

X = 2,465,638 Y = 799,643 36 34 42.12 84 24 51.34

Isham, 0.4 mi S. of Kentucky-Tennessee State line; 65 ft S. and 75 ft E. of intersection of U. S. Highway 27 and E.-W. crossroad; 14 ft SE. of SE. corner of house on property of Emby Strunk; 1 ft NE. of fenceline; in concrete post; standard tablet stamped "TT 139 E 1930" (Reported destroyed, 1977)

X = 2,458,410 Y = 803,858 36 35 24.94 84 26 19.11

Oneida, 4.7 mi NE. of, along Sou. RR.; 1.2 mi S. of Winfield; on E. side of RR. track just S. of U. S. Highway 27 overpass; 15 ft E. of centerline of northbound track; in sandstone ledge; standard tablet stamped "TT 140 E 1930" (Not found, 1977)

X = 2,452,250 Y = 785,825 36 32 27.61 84 27 38.09

By M. L. Bennett, 1951; Book MS 30348

Hollyhill, 1.9 mi NE. of, along State Highway 92, thence 1.7 mi NW. along State Highway 478; 210 ft S. of top of grade at curve; 14 ft N. and 49 ft E. of, and 2 ft higher than centerline of hwy. at junction of private rd. E.; 2 ft N. of telephone pole and in line with row of poles; 2 ft S. of rail fenceline; in concrete post; NGS standard disk stamped "N 193 1951 1276.408"

X = 2,496,026 Y = 840,653 36 41 22.53 84 18 30.17

Hollyhill, 1.9 mi NE. of, along State Highway 92, thence 0.8 mi NW. along State Highway 478; near bottom of long crooked hill; 14 ft E. of, and 2 ft lower than centerline of hwy.; 1 ft S. of N. end of concrete headwall of stone box culvert over creek branch; in N. end of E. concrete headwall; NGS standard disk stamped "P 193 1951 1045.395"

X = 2,495,538 Y = 835,851 36 40 35.14 84 18 37.17

STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

OBSOLETE MARKS (Cont'd.)

Hollyhill, 1.8 mi NE. of, along State Highway 92; 0.2 mi E. of McCreary-Whitley County line; 270 ft W. of junction of graveled rd. NW.; 12 ft N. of, and level with centerline of Highway 92; in N. end of W. abutment of bridge over Marsh Creek; NGS standard disk stamped "F 50 1935 1015.064"

Tenn.) X = 2,498,383 Y = 834,177 36 40 18.11 84 18 02.61

Hollyhill, 1.1 mi NE. of, along State Highway 92; on N. side of hwy.; E. of junction of Pleasant Run Road; 400 ft E. of residence of Jess Ray; 94 ft NW. of telephone pole; 91 ft NE. of telephone pole; in concrete post; USFS standard disk stamped "CA 3760 1936"

X = 2,495,074 Y = 832,961 36 40 06.65 84 18 43.48

Hollyhill, 0.6 mi E. of, along State Highway 92; at bottom of hill; 37 ft N. and 138 ft W. of, and level with centerline of Highway 92 at junction of graveled rd. S.; 147 ft W. of unpainted shack on N. side of hwy.; 90 ft NE. of, and across hwy. from NE. corner of yard fence around imitation stone-sided house; in concrete post; NGS standard disk stamped "E 50 1935 1091.684"

X = 2,492,864 Y = 831,263 36 39 50.24 84 19 10.96

Hollyhill, 1.5 mi SW. of, along State Highway 92; 6.2 mi E. of Pine Knot; 12 ft SW. of centerline of hwy.; in SW. end of NW. concrete abutment of 190-ft bridge over Marsh Creek; NGS standard disk stamped "D 50 1935 1052.130"

X = 2,483,969 Y = 828,801 36 39 27.40 84 21 00.62

Pine Knot, 5.3 mi E. of, along State Highway 92; 1.0 mi SW. of W. end of bridge over Marsh Creek; 0.3 mi NE. of junction of graveled rd. S.; 17 ft NW. of centerline of hwy.; on outside of curve; in SW. end of NW. concrete headwall of box culvert; NGS standard disk stamped "J 195 1951 1063.633"

X = 2,479,233 Y = 828,122 36 39 21.47 84 21 58.86

Pine Knot, 5.0 mi E. of, along State Highway 92; at junction of graveled rd. S.; 300 ft S. of hwy.; 13 ft W. of, and 1 ft higher than centerline of graveled rd.; in N. end of W. concrete headwall of box culvert; NGS standard disk stamped "K 195 1951 1016.054"

X = 2,478,171 Y = 827,007 36 39 10.62 84 22 12.13

Pine Knot, 5.0 mi E. of, along State Highway 92, thence 0.2 mi S., thence 1.0 mi SE.; 1.1 mi NW. of Creekmore; 12 ft E. of, and 1 ft higher than centerline of rd.; in S. end of E. concrete headwall of culvert; NGS standard disk stamped "L 195 1951 1072.294"

X = 2,479,582 Y = 772,990 36 30 16.34 84 22 05.86



STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

OBSOLETE MARKS (Cont'd.)

Creekmore, 0.4 mi NW. of post office, along graveled rd.; 52 ft N. and 39 ft E. of, and 2 ft higher than centerline of rd. at junction of drive E. to house with imitation brick siding; 63 ft NW. of NW. corner of house; 35 ft NE. of E. end of pipe culvert with concrete headwalls; 2 ft S. of white wooden witness post; in concrete post; NGS standard disk stamped "M 195 1951 1102.698" (Not found, 1977)

Tenn.) X = 2,479,634 Y = 817,734 36 37 38.70 84 21 56.08

Creekmore, 0.6 mi SE. of post office, along graveled rd.; 0.3 mi S. of junction of rd. E. at church; on N. slope of long crooked hill; 30 ft N. and 12 ft W. of, and 4 ft higher than centerline of rd. at junction of drive W. to residence of Leford Perry; in E. edge of rock outcrop at bottom of bench cut W. of rd.; NGS standard disk stamped "N 1951951 1247.333"

X = 2,482,325 Y = 813,890 36 37 00.25 84 21 23.86

Hollyhill, 1.9 mi NE. of, along State Highway 92, thence 4.7 mi NW. along State Highway 478; at junction of rd. NE. to Duckrun; 26 ft NE. of, and 2 ft higher than centerline of rd.; 55 ft SE. of centerline of rd. NE.; 31 ft SE. of 18-in. oak tree; 21 ft NW. of 12-in. oak tree; 2 ft SW. of white wooden witness post; in concrete post; NGS standard disk stamped "N 192 1950 1260.588"

X = 2,488,791 Y = 850,950 36 43 05.56 84 19 56.82

Hollyhill, 1.9 mi NE. of, along State Highway 92, thence 4.7 mi NW. along State Highway 478; 1.5 mi SW. of Duckrun; on S. side of hwy.; 40 ft W. of crossroad; in concrete post; USFS standard disk stamped "CA 4110 1935"

X = 2,488,696 Y = 850,930 36 43 05.37 84 19 57.99

By M. L. Bennett, 1951; Books MS 30350-30351 (TVA)

Marshes Siding, 3.0 mi E. of, along State Highway 700; 0.2 mi E. of Pigeon School; 28 ft NW. of centerline of rd.; 100 ft NE. of one-story frame house; 25 ft W. of powerline spur to house; 9 ft NE. of 10-in. pine tree; 9 ft SW. of 4-in. oak tree; in concrete post; standard tablet stamped "TT 37 BT 1951"

X = 2,457,910 Y = 861,431 36 44 54.21 84 26 13.97

Marshes Siding, 1.0 mi E. of, along State Highway 700; 0.5 mi W. of Taylor Ridge Baptist Church; 35 ft S. of centerline of hwy.; 150 ft E. of small unpainted house; in concrete post; standard tablet stamped "TT 38 BT 1951"

X = 2,449,701 Y = 861,047 36 44 51.70 84 27 54.89

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

36-084-13  
STEARNS QUADRANGLE  
7 KY.-201 TENN.  
N3630-W8415/15  
DIAGRAM NJ 16-12  
CORBIN

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

McCreary and Whitley Counties, Kentucky;  
Scott and Campbell Counties, Tennessee

Final adjustment of 1973

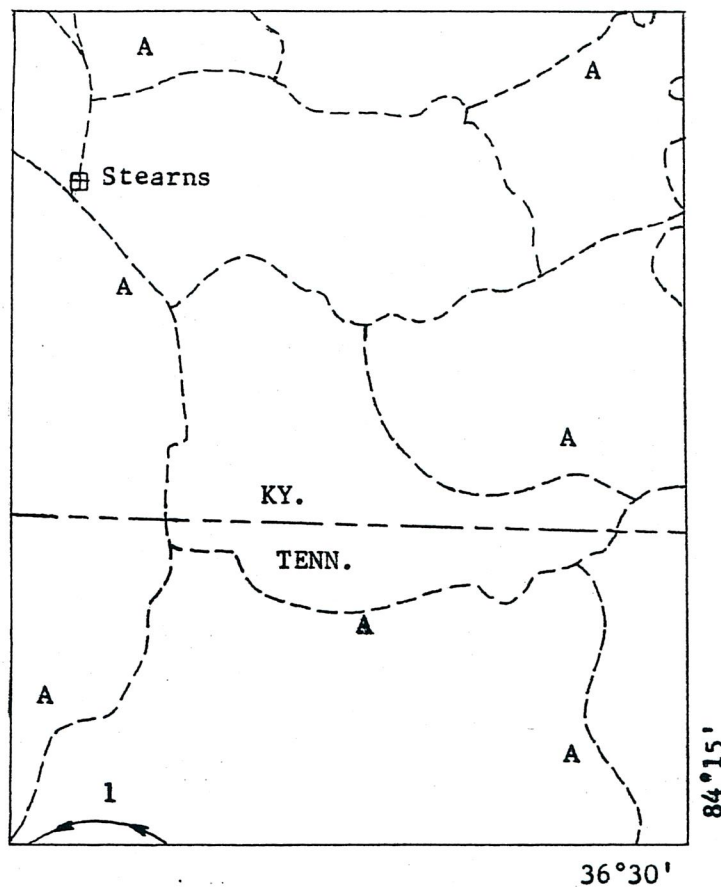
Edition of 4/9/76

PR: WSM/sws

CUMBERLAND FALLS  
(35)

BARTHELL  
(8 KY.-202 TENN.)

JELLICO  
6 KY.-200 TENN.)



HUNTSVILLE  
(168)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360841



7 KY.-201 TENN.  
STEARNS QUADRANGLE

36-084-13  
N3630-W8415/15

INDEX OF PERMANENT MARKS

<u>MARKS (USGS)</u>	<u>PAGE NO.</u>	<u>MARKS (USGS)</u>	<u>PAGE NO.</u>
PTS NO 11 1906	3	TT 88 E 1930 1618	3
R 1 1928	3	112 RHP 1952 1415	3
TT STA NO 8 T 1928	3		

## ISOLATED BENCH MARKS (By C. E. Reick, 1928; Book B3051)

Feet

- Stearns; 150 ft W. of, and 8 ft higher than W. rail of south-bound track of Southern Railway; 14 ft S. of SW. corner of building; 1 ft N. of N. edge of sidewalk; in top of concrete retaining wall; standard tablet stamped "TT STA NO 8 T 1928 1350.772" (NOTE: Retaining wall cracked, but portions appear to be solid) (Tied by NGS, 1968) 1350.775
- Marsh Siding; in G. W. Stephens' frontyard; on iron post; standard cap stamped "PRIM TRAV STA NO 11 1906" (Reported destroyed, 1952) 1334.233
- Silerville, 3.2 mi W. of; S. side of Bear Creek rd.; on summit of ridge W. of Paunch Creek; in rock ledge; standard tablet stamped "R 1 1928" (Not found, 1957) 1375.113

LINE 1.

By R. H. Paine, 1952; Book AV 290

- 2 44 12.52 Oneida, 3.9 mi E. of; 2.3 mi NW. of Acre Schoolhouse; 0.9 mi SE. of Pine Hill Schoolhouse; at concrete bridge over Buffalo Creek; in NE. end of NW. concrete abutment; standard tablet stamped "112 RHP 1952 1415" 1415.193
- 2 47 13.52 Oneida, 2.9 mi E. of; 440 ft W. of NW. corner of Pine Hill School; 20 ft S. of rd.; in large sandstone outcrop; standard tablet stamped "TT 88 E 1930 1618" (Reported destroyed, 1977) 1617.780